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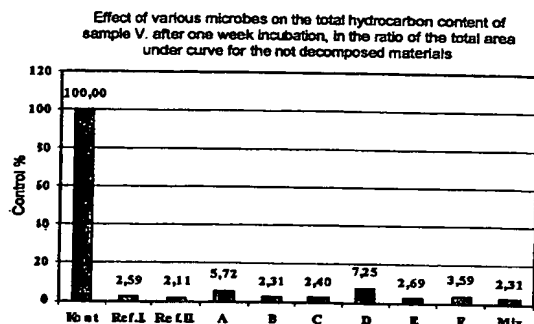
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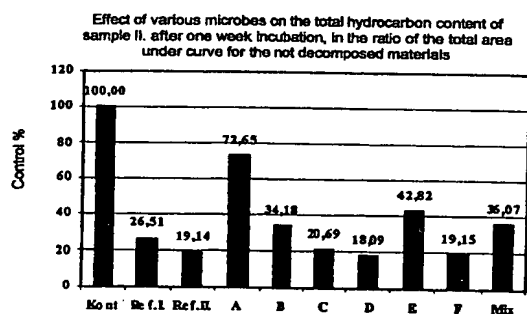
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(54) Title: METHOD FOR THE TREATMENT AND PREVENTION OF ASPHALTENE-PARAFFIN-VAX PRECIPITATES IN
OIL-WELLS, WELLHEADS AND PIPELINES BY THE USE OF BIOCOLLOID SUSPENSIONS

a



b

(57) Abstract: The present invention relates to a method for the prevention, reduction and/or removal of asphaltene-paraffin-vax precipitates on surfaces in contact with crude oil within oil-wells from bottom hole to well head, in flow lines and pipelines by the use of biocolloid suspensions. In particular, the method comprises adding together (a) microorganism(s) capable of reacting with, solubilizing of and/or resistant to the components of crude oil, (b) organic or inorganic additives, or (c) a mixture thereof into the pipes, and the so formed suspension containing the microorganisms is allowed to act for a desired time. The said suspension can be used for the decomposition, washing-off and removal of solid hydrocarbons and mixtures of long chain hydrocarbons, as well as for the prevention of formation thereof.

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